

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073806.D
 Acq On : 10 Aug 2022 18:39
 Operator : JC\MD
 Sample : PB146860ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146860ZHE#05

Quant Time: Aug 10 22:55:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

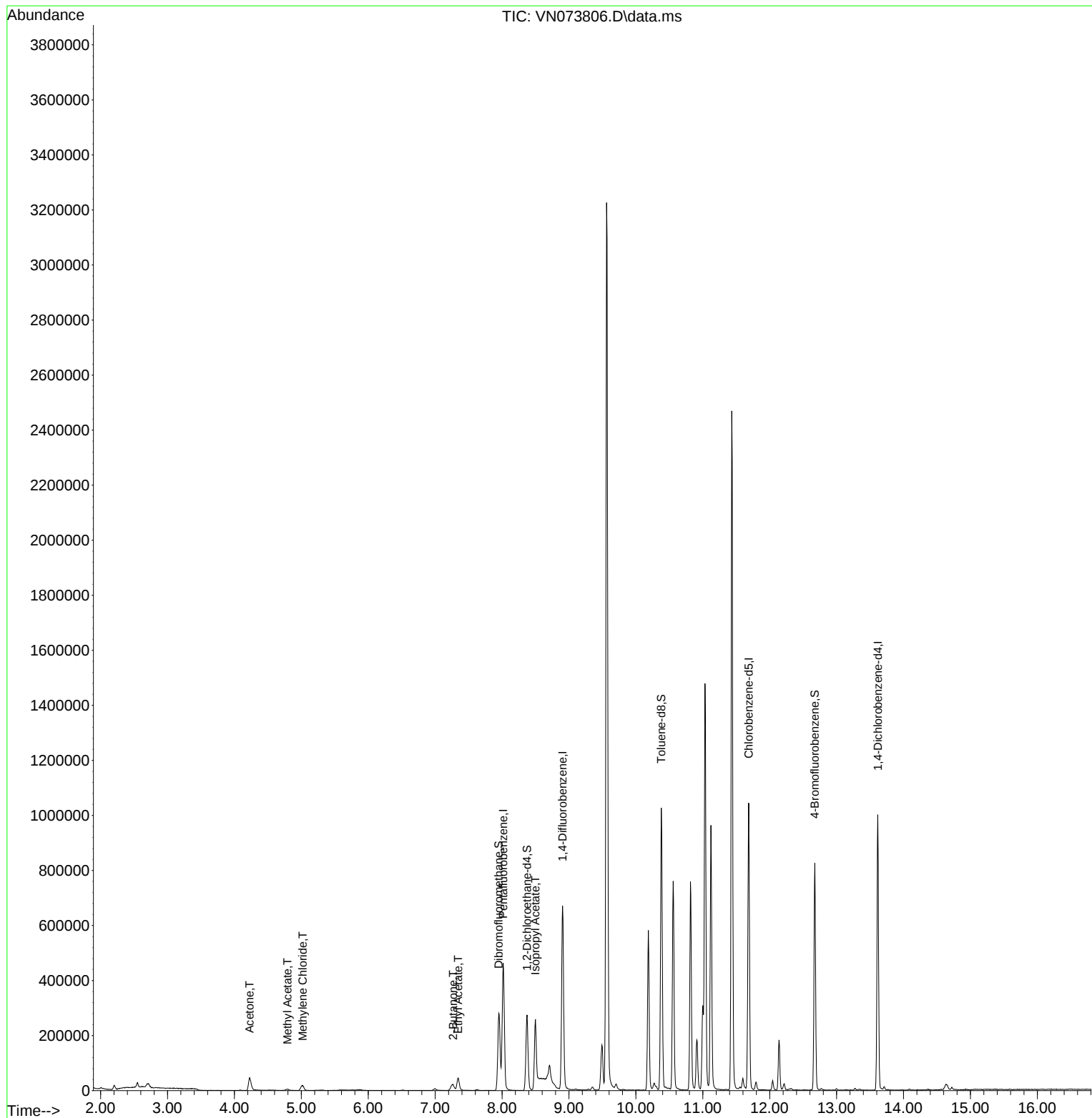
Internal Standards						
1) Pentafluorobenzene	8.016	168	373005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	617678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	612177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	280111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	223622	49.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	7.951	113	211231	54.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.920%
50) Toluene-d8	10.380	98	712248	46.665	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.674	95	262874	49.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	83210	34.081	ug/l	98
18) Methyl Acetate	4.793	43	10858	1.788	ug/l #	74
20) Methylene Chloride	5.022	84	15873	1.898	ug/l #	85
25) 2-Butanone	7.269	43	25809	6.807	ug/l	95
37) Ethyl Acetate	7.345	43	70092	9.628	ug/l	99
43) Isopropyl Acetate	8.498	43	324277	32.978	ug/l #	87

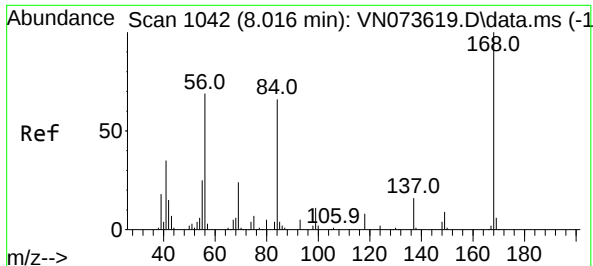
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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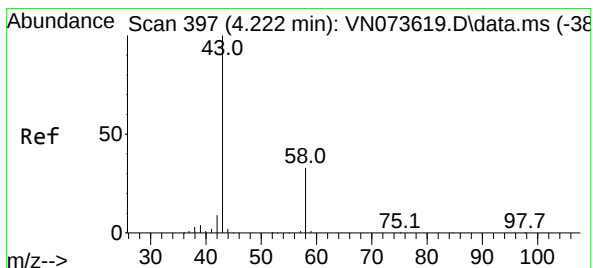
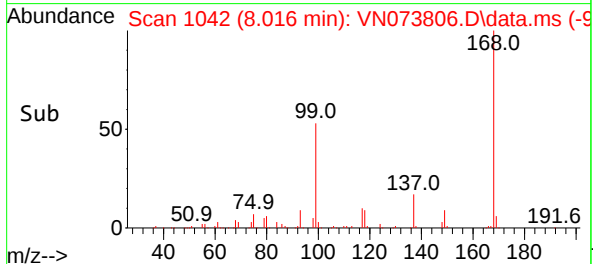
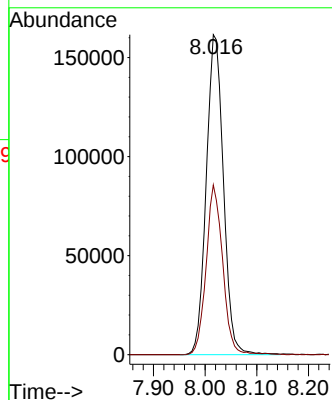
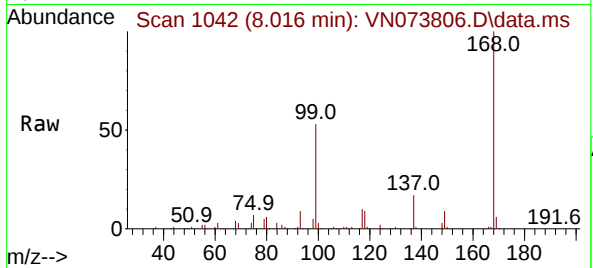




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

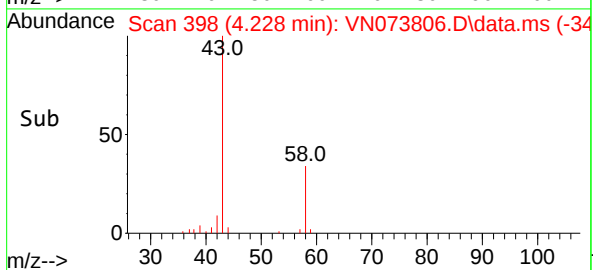
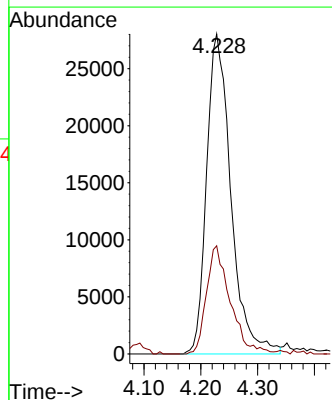
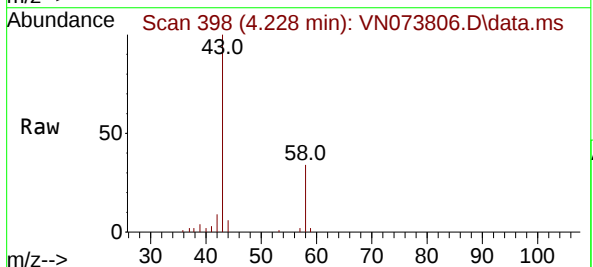
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#05

Tgt Ion:168 Resp: 373005
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#16
Acetone
Concen: 34.081 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

Tgt Ion: 43 Resp: 83210
Ion Ratio Lower Upper
43 100
58 33.8 26.0 39.0

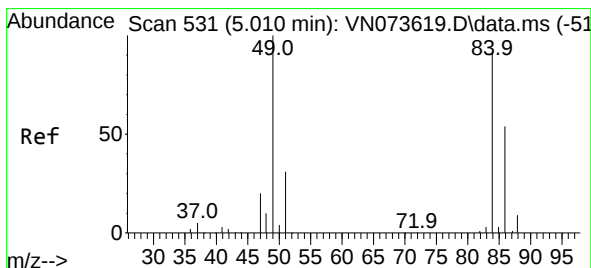
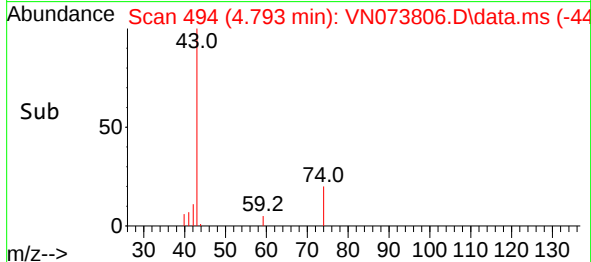
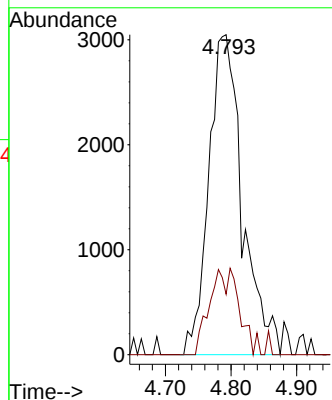
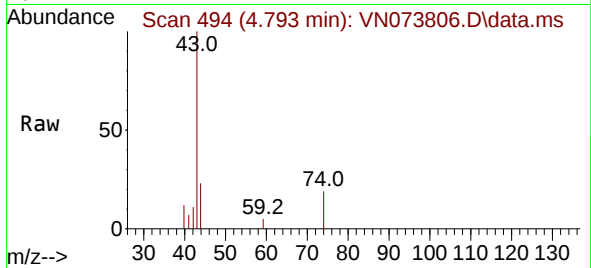




#18
Methyl Acetate
Concen: 1.788 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

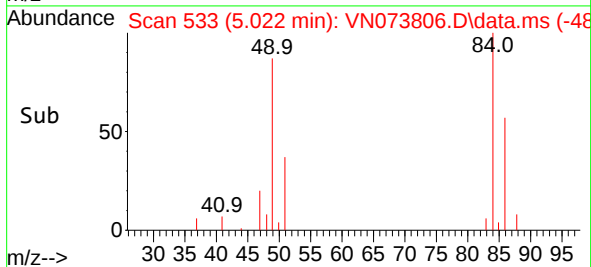
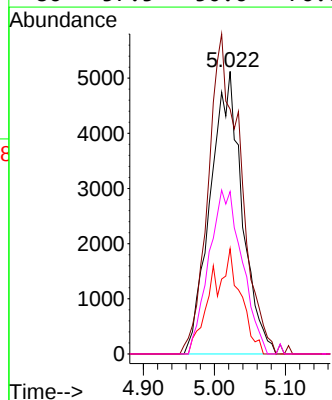
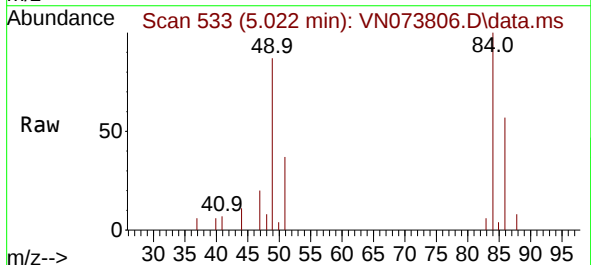
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#05

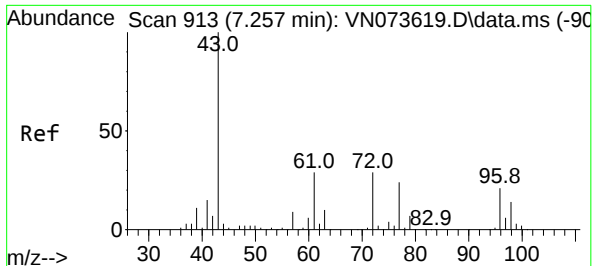
Tgt Ion: 43 Resp: 10858
Ion Ratio Lower Upper
43 100
74 13.7 21.6 32.4#



#20
Methylene Chloride
Concen: 1.898 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

Tgt Ion: 84 Resp: 15873
Ion Ratio Lower Upper
84 100
49 86.6 88.3 132.5#
51 37.3 28.2 42.2
86 57.5 50.6 76.0





#25

2-Butanone

Concen: 6.807 ug/l

RT: 7.269 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN073806.D

Acq: 10 Aug 2022 18:39

Instrument :

MSVOA_N

ClientSampleId :

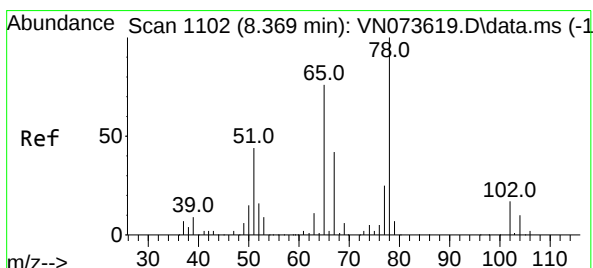
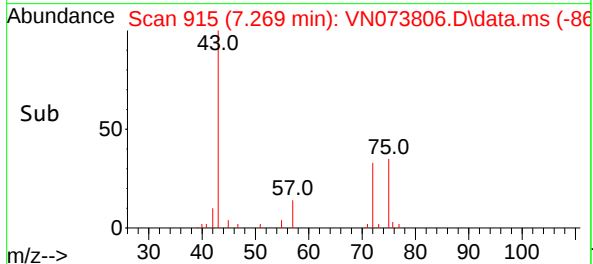
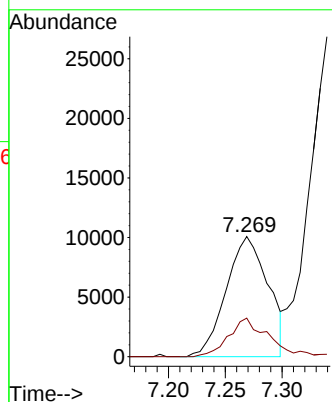
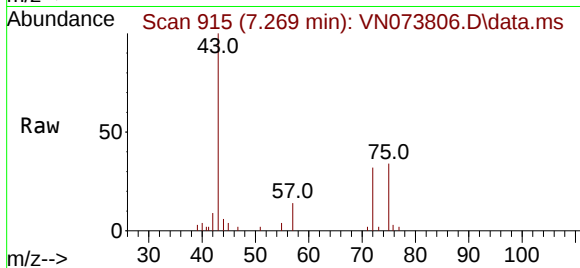
PB146860ZHE#05

Tgt Ion: 43 Resp: 25809

Ion Ratio Lower Upper

43 100

72 32.1 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 49.195 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073806.D

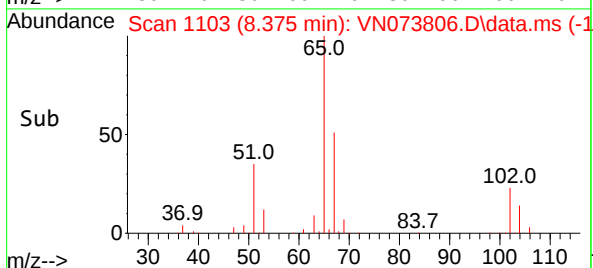
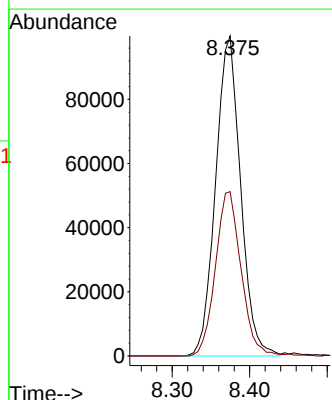
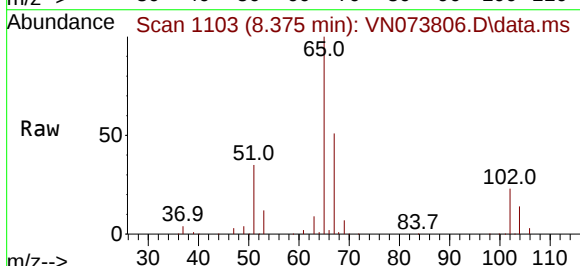
Acq: 10 Aug 2022 18:39

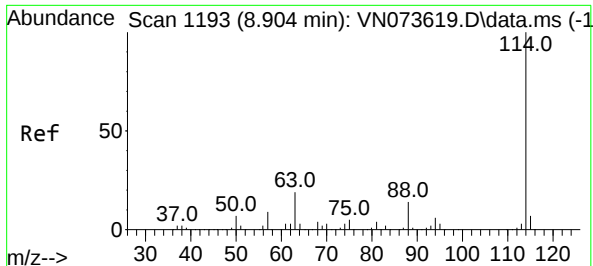
Tgt Ion: 65 Resp: 223622

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073806.D

Acq: 10 Aug 2022 18:39

Instrument :

MSVOA_N

ClientSampleId :

PB146860ZHE#05

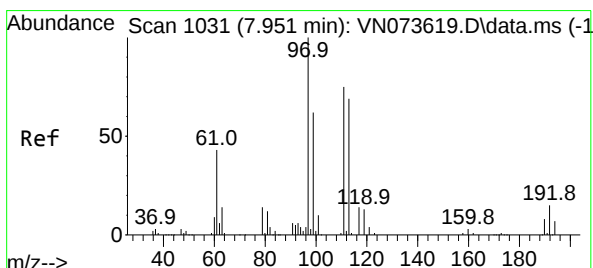
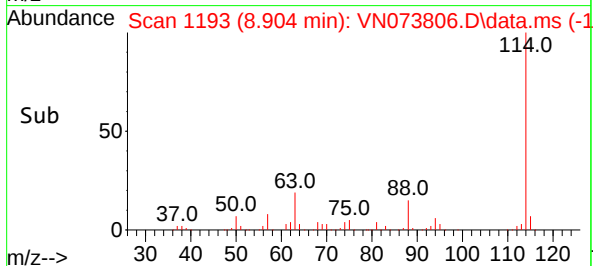
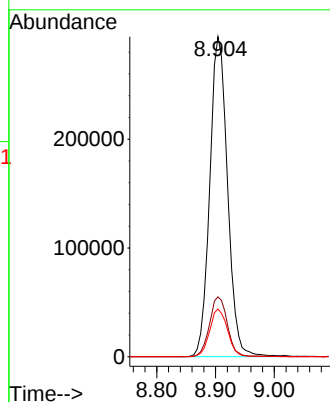
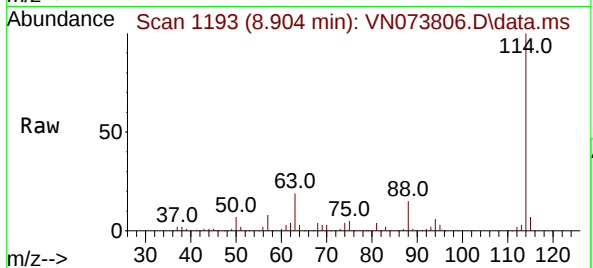
Tgt Ion:114 Resp: 617678

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.460 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073806.D

Acq: 10 Aug 2022 18:39

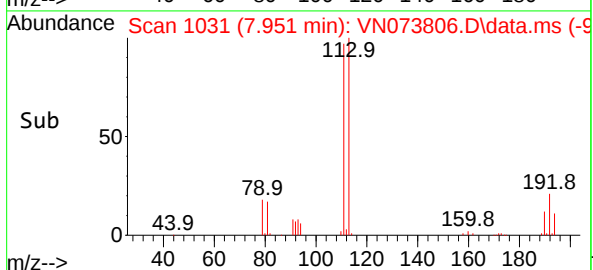
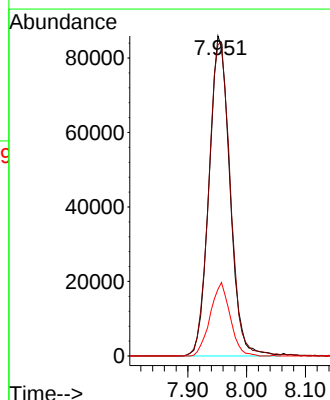
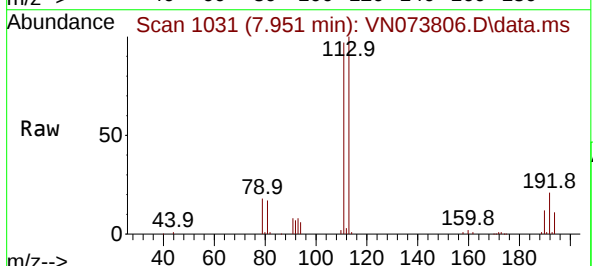
Tgt Ion:113 Resp: 211231

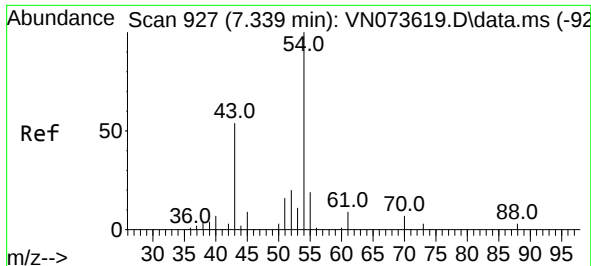
Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 22.0 17.0 25.6

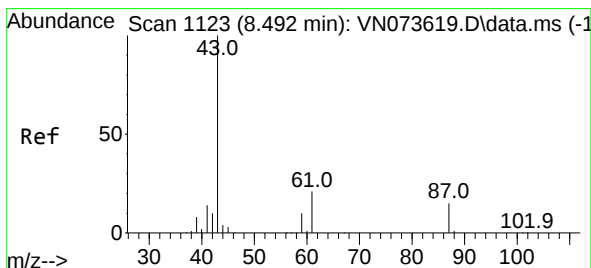
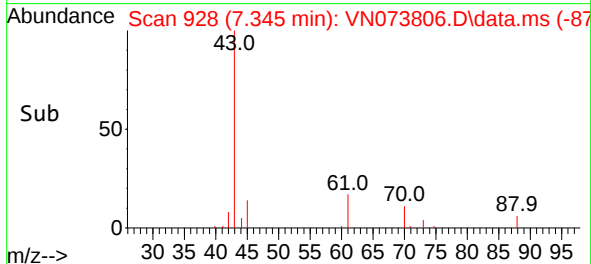
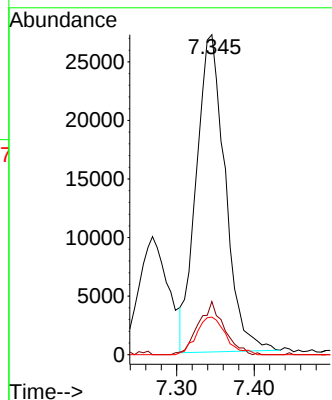
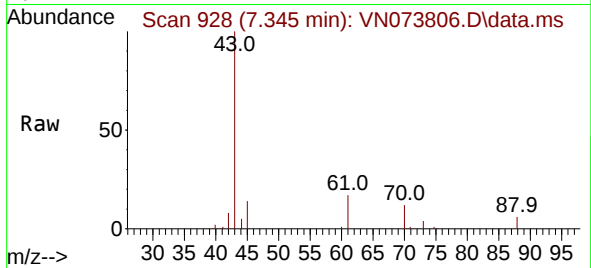




#37
Ethyl Acetate
Concen: 9.628 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

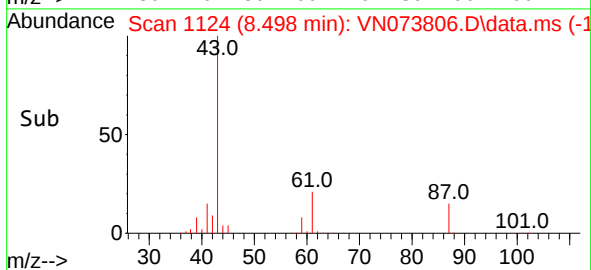
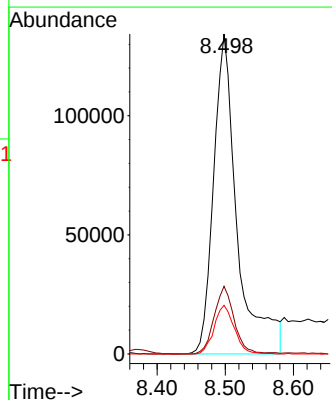
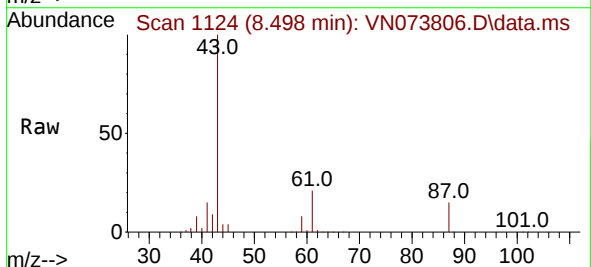
Instrument :
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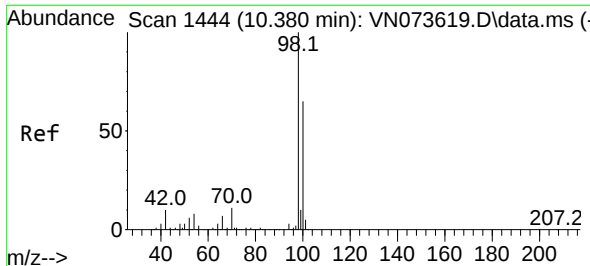
Tgt Ion: 43 Resp: 70092
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 12.0 9.3 13.9



#43
Isopropyl Acetate
Concen: 32.978 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

Tgt Ion: 43 Resp: 324277
Ion Ratio Lower Upper
43 100
61 18.0 21.9 32.9#
87 12.9 12.0 18.0

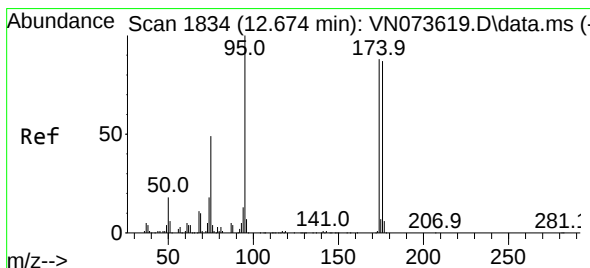
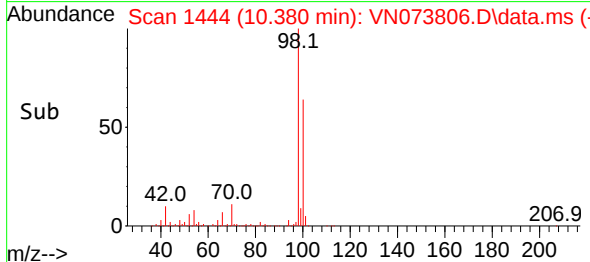
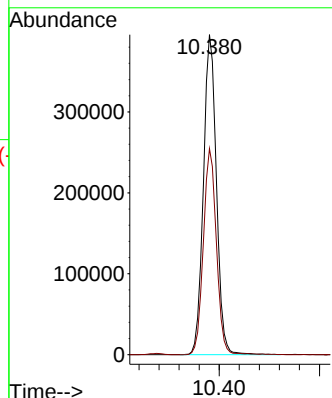
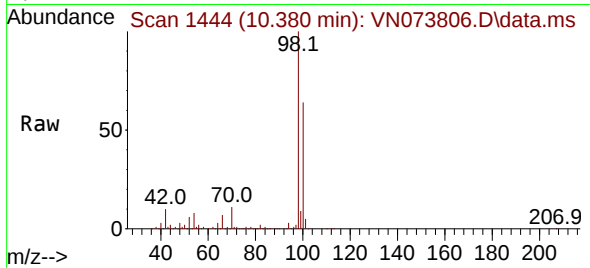




#50
Toluene-d8
Concen: 46.665 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

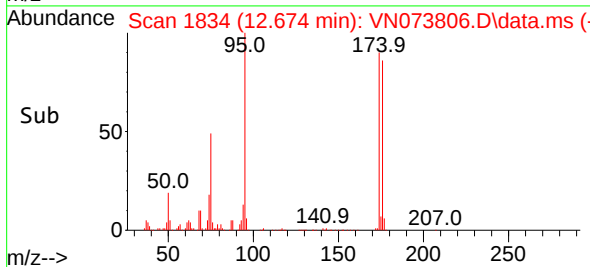
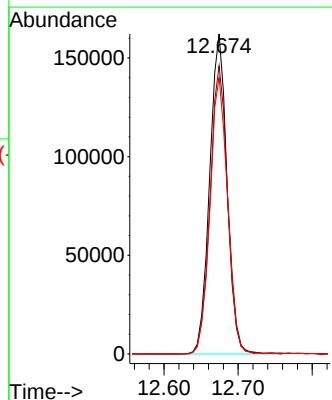
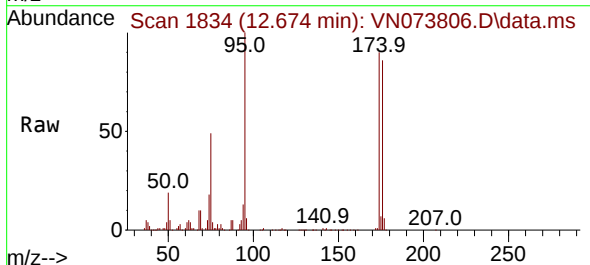
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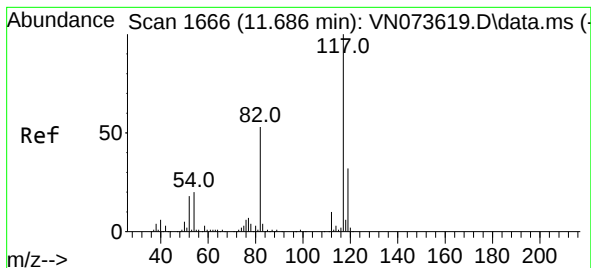
Tgt Ion: 98 Resp: 712248
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.114 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073806.D
Acq: 10 Aug 2022 18:39

Tgt Ion: 95 Resp: 262874
Ion Ratio Lower Upper
95 100
174 92.1 0.0 167.6
176 87.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073806.D

Acq: 10 Aug 2022 18:39

Instrument :

MSVOA_N

ClientSampleId :

PB146860ZHE#05

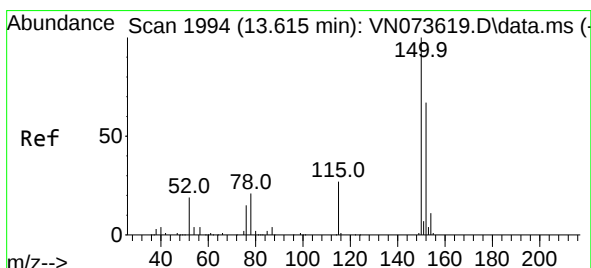
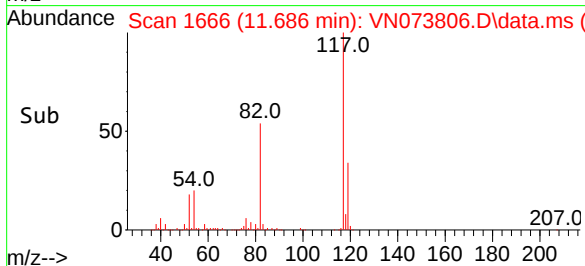
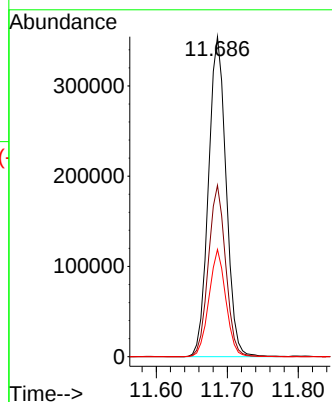
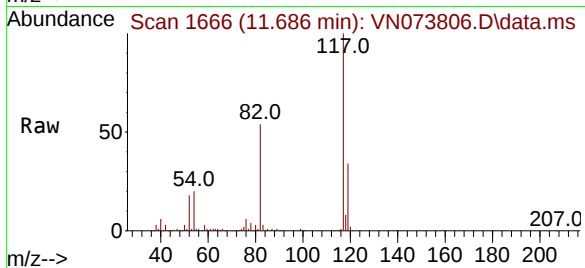
Tgt Ion:117 Resp: 612177

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.2

119 33.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073806.D

Acq: 10 Aug 2022 18:39

Tgt Ion:152 Resp: 280111

Ion Ratio Lower Upper

152 100

115 55.7 28.9 86.7

150 157.3 0.0 356.2

